

## CLAIMS

What is claimed is:

1 A method for collecting a time based stream of information in a processing  
2 system for generating a presentation, the method comprising:

- 3 A) communicating with an information source having a time based  
4 stream of information;
- 5 B) presenting capture information from the time based stream of  
6 information on a portion of a display;
- 7 C) presenting process information for constructing the presentation  
8 on the display; and
- 9 D) presenting at least one enabled control element.

10 2. The method of claim 1, further including capturing the time based stream of  
11 information from the information source.

12 3. The method of claim 2, wherein the capturing is by an interrupt procedure.

13 4. The method of claim 3, wherein the interrupt procedure iterates at the same  
14 rate or substantially the same rate as the transfer rate of the time based stream  
15 of information.

16 5. The method of claim 1, wherein at least one of the enabled control element is  
17 to edit the information.

18 6. The method of claim 1, wherein at least one of the enabled control elements is  
19 to perform side operations.

20 7. The method of claim 1, wherein at least one of the enabled control elements is  
21 an output control.

The method of claim 1, wherein the capture information includes a capture output presented at the same rate or substantially the same rate as the transfer rate for the time based stream of information.

The method of claim 1, further including presenting an edit output on the same portion of the display for presenting of capture information.

The method of claim 1, wherein the presenting of capture information is automatic in response to the communicating with the information source.

A processing system for generating a presentation of a time based stream of information, the system comprising:

A) a capture port for acquiring the time based stream of information;

B) a display device; and

C) a processor to:

i) communicate with an information source having a time based stream of information through the capture port;

- ii) present capture information from the time based stream of information on a portion of the display device;

iii) present process information for constructing the presentation on the display device; and

- iv) present at least one enabled control element.

The system of claim 11, wherein the processor is further to capture the time based stream of information from the information source.

The system of claim 12, wherein the capturing is by the processor executing an interrupt procedure.

The system of claim 13, wherein the interrupt procedure iterates at the same rate or substantially the same rate as the transfer rate of the time based stream of information.

1 15. The system of claim 11, wherein at least one of the enabled control elements is  
2 to edit the information.

3 16. The system of claim 11, wherein at least one of the enabled control elements is  
4 to perform side operations.

5 17. The system of claim 11, wherein the capture information includes a capture  
6 output presented the same rate or at substantially the same rate as the transfer  
7 rate for the time based stream of information.

8 18. The system of claim 11, wherein the processor is further to present an edit  
9 output on the same portion of the display for presenting the capture  
10 information.

11 19. The system of claim 11, wherein the presenting of capture information is  
12 automatic in response to the communicating with the information source.

13 20. The processing system for collecting a time based stream of information to  
14 generate a presentation comprising:

15 (i) means for communicating with an information source having a  
16 time based stream of information;

17 (ii) means for presenting capture information from the time based  
18 stream of information on a portion of the display device;

19 (iii) means for presenting process information for constructing the  
20 presentation on the display device; and

21 (iv) means for presenting at least one enabled control element.

22 21. The system of claim 20, further including a means for capturing the time based  
23 stream of information from the information source.

24 22. The system of claim 21, wherein the means for capturing is by executing an  
25 interrupt procedure.

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1 23. The system of claim 22, wherein the interrupt procedure iterates at the same or  
2 substantially the same rate as the transfer rate of the time based stream of  
3 information from the information source

4 24. The system of claim 20, wherein at least one of the enabled control elements is  
5 to edit the information.

6 25. The system of claim 20, wherein at least one of the enabled control elements is  
7 to perform side operations.

8 26. The system of claim 20, further including a means for presenting an edit  
9 output on the same portion of the display for presenting the capture  
10 information.

11 27. The system of claim 20, wherein the presenting of capture information is  
12 automatic in response to the communicating with the information source

13 28. A computer readable medium having stored therein a plurality of sequences of  
14 executable instructions, which, when executed by a processing system for  
15 collecting a time based stream of information and generating a presentation,  
16 cause the processor to:

17 A) communicate with an information source having a time based  
18 stream of information;

19 B) provide capture information from the time based stream of  
20 information on a portion of a display;

21 C) provide process information for constructing the presentation  
22 on the display; and

23 D) provide at least one enabled control element.

24 29. The computer readable medium of claim 28, further including additional  
25 sequences of executable instructions, which, when executed by the processor,  
26 cause the processor to capture the time based stream of information from the  
27 information source.

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1 30. The computer readable medium of claim 28, wherein the capturing is by an  
2 interrupt procedure.

3 31. The computer readable medium of claim 30, wherein the interrupt procedure  
4 iterates at the same or substantially the same rate as the transfer rate of the  
5 time based stream of information.

6 32. The computer readable medium of claim 28, wherein the wherein at least one  
7 of the enabled control element is to edit the information.

8 33. The computer readable medium of claim 28, wherein the at least one of the  
9 enabled control elements is to perform side operations.

34. The computer readable medium of claim 28, wherein the capture information includes a capture output provided at the same rate or substantially the same rate as the transfer rate for the time based stream of information.

13 35. The computer readable medium of claim 28, further including additional  
14 sequences of executable instructions, which, when executed by the processor,  
15 cause the processor to provide an edit output on the same portion of the  
16 display for presenting the capture information.

17 36. The computer readable medium of claim 28, wherein the presenting of capture  
18 information is automatic in response to the communicating with the  
19 information source.

20 37. A method for collecting a time based stream of information in a processing  
21 system for generating a presentation, the method comprising:

22 A) detecting an information source having a time based stream of  
23 information in communication with the processing system, and

24           B)       automatically presenting capture information from the time  
25                    based stream of information on a display in response to the  
26                    detecting.

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1 38. The method of claim 37, further including automatically checking for the  
2 information source in communication with the processing system.

3 39. The method of claim 37, wherein the detecting is by receiving a signal from  
4 the information source through a capture port on the processing system.

5 40. The method of claim 37, further including capturing the time based stream of  
6 information from the information source.

7 41. The method of claim 37, wherein the capture information includes a capture  
8 output provided at the same rate or substantially the same rate as the transfer  
9 rate for the time based stream of information.

10 42. A processing system for generating a presentation of a time based stream of  
11 information, the system comprising:

12 A) a capture port for acquiring the time based stream of  
13 information;

14 B) a display device; and

15 C) a processor to

16 i) detect an information source having a time  
17 based stream of information in communication  
18 with the processing system, and

19 ii) automatically present capture information from  
20 the time based stream of information on a  
21 display in response to detecting.

22 43. The system of claim 41, wherein the processor is further to automatically  
23 check for the information source in communication with the processing  
24 system.

25 44. The system of claim 41, wherein the detecting is by receiving a signal from  
26 the information source through a capture port on the processing system.

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1 45. The system of claim 41, wherein the processor is further to capture the time  
2 based stream of information from the information source.

3 46. The system of claim 41, wherein the capture information includes a capture  
4 output provided at the same rate or substantially the same rate as the transfer  
5 rate for the time based stream of information.

6 47. The processing system for collecting a time based stream of information to  
7 generate a presentation comprising:

8 A) means for detecting an information source having a time based  
9 stream of information in communication with the processing  
10 system, and

14 48. The system of claim 47, further including a means for automatically checking  
15 for the information source in communication with the processing system.

16 49. The system of claim 47, wherein the detecting is by receiving a signal from  
17 the information source through a capture port on the processing system.

18 50. The system of claim 47, further including a means for capturing the time based  
19 stream of information from the information source.

51. The system of claim 47, wherein the capture information includes a capture  
output provided at the same rate or substantially the same rate as the transfer  
rate for the time based stream of information.

52. A computer readable medium having stored therein a plurality of sequences of  
executable instructions, which, when executed by a processing system for  
collecting a time based stream of information and generating a presentation,  
cause the processor to:

27 A) detect an information source having a time based stream of  
28 information in communication with the processing system, and





1 58. The method of claim 57, wherein the presenting of the capture output is at the  
2 same rate or substantially the same rate as the transfer rate for the time based  
3 stream of information.

4 59. The method of claim 57, further including providing at least one enabled  
5 control element during the capture mode and edit mode.

6 60. The method of claim 59, wherein at least one of the enabled control element  
7 includes a control element perform side operations.

21 62. The system of 61, wherein the presenting of the capture output is at the same  
22 rate or substantially the same rate as the transfer rate for the time based stream  
23 of information.

24 63. The system of claim 61, wherein the processor is further to provide at least  
25 one enabled control element during the capture mode and edit mode.

26 64. The system of claim 63, wherein at least one of the enabled control element is  
27 to perform side operations.

1 65. A processing system for collecting a time based stream of information to  
2 generate a presentation comprising:

3 A) means for capturing the time based stream of information from  
4 an information source into the processing system during a  
5 capture mode;

6 B) means for presenting a capture output on a viewing portion of a  
7 display during the capture mode; and

8 C) means for presenting an edit output on the viewing portion of  
9 the display during an edit mode.

10 66. The system of claim 65, wherein the means for presenting the capture output is  
11 for presenting at the same rate or substantially the same rate as the transfer rate  
12 for the time based stream of information.

13 67. The system of claim 65, further including a means for providing at least one  
14 enabled control element during the capture mode and edit mode.

15 68. The system of claim 67, wherein at least one of the enabled control element is  
16 to perform side operations.

17 69. A computer readable medium having stored therein a plurality of sequences of  
18 executable instructions, which, when executed by a processing system for  
19 collecting a time based stream of information and generating a presentation,  
20 cause the processor to:

21 A) capture the time based stream of information from an  
22 information source into the processing system during a capture  
23 mode;

24 B) present a capture output on a viewing portion of a display  
25 during the capture mode; and

26 C) present an edit output on the viewing portion of the display  
27 during an edit mode.

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1 70. The computer readable medium of claim 69, wherein the presenting of the  
2 capture output is at the same rate or substantially the same rate as the transfer  
3 rate for the time based stream of information.

4 71. The computer readable medium of claim 69, further including additional  
5 sequences of executable instructions, which, when executed by the processor,  
6 cause the processor to provide at least one enabled control element during the  
7 capture mode and edit mode.

8 72. The computer readable medium of claim 71, wherein at least one of the  
9 enabled control element is to perform side operations.

10 73. A method of collecting a time based stream of information from an editing  
11 window in a processing system, the method comprising:

12 A) detecting the coupling of an information source to the processing  
13 system, and

14 B) automatically engaging a capture mode.

15 74. The method of claim 73, further including presenting a captured time based  
16 stream of information in the editing window.

17 75. The method of claim 73, wherein the editing window includes a toggle control  
18 element to switch between capture and edit mode within the editing window.

19 76. A processing system for collecting a time based stream of information from an  
20 editing window, the system comprising:

21 A) a capture port for acquiring the time based stream of information;

22 B) a display device; and

23 C) a processor to:

24 i) detect the coupling of an information source to the processing  
25 system, and

26 ii) automatically engage a capture mode.

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1 77 The system of claim 76, wherein the processor is further to present a captured  
2 time based stream of information in the editing window.

5 79. A processing system for collecting a time based stream of information from an  
6 editing window comprising:

9 B) a means for automatically engaging a capture mode.

12 81. The system of claim 79, wherein the editing window includes a toggle control  
13 element to switch between capture and edit mode within the editing window.

14 82. A computer readable medium having stored therein a plurality of sequences of  
15 executable instructions, which, when executed by a processing system for  
16 collecting a time based stream of information and generating a presentation,  
17 cause the processor to:

18d A) detect the coupling of an information source to the processing  
19 system, and

20 B) automatically engage a capture mode.

21 83. The computer readable medium of claim 82, further including additional  
22 sequences of executable instructions, which, when executed by the processor,  
23 cause the processor to present a captured time based stream of information in  
24 the editing window.

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- 1 84. The computer readable medium of claim 82, wherein the editing window  
2 includes a toggle control element to switch between capture and edit mode  
3 within the editing window.

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